

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2015 Levee Inspection Results****Levee District No. 0001 (Sutter County)**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2015 Levee Inspection Results**

**Levee District No. 0001 (Sutter County)**

Waterway			Bank	Unit Miles
Unit No. 01 Feather River			Right	16.11
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/20/2015 - 05/20/2015			
DWR Inspector	Michael Pitta			
Accompanied By	Sean Mineard			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0001S_01_s_2013_4				
Action/Comments					
Inspector Comments: Sean stated that the O&M manuals are stored at the district office at 243 2nd st, Yuba City, CA.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0001S_01_s_2013_5				
Action/Comments					
Inspector Comments: Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0001S_01_s_2013_6				
Action/Comments					
Inspector Comments: Sean stated that he and the district employees attend the Flood Fight class put on by DWR and RD784 annually.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	0.01	Rating **	M	Issue No.	15
LM End	2.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951047 °	38.990370 °
				-121.585744 °	-121.593394 °
DWR ID	DWR_LD0001S_01_s_2015_15				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.01	Rating **	A/W	Issue No.	13
LM End	4.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951047 °	39.012715 °
				-121.585744 °	-121.604781 °
DWR ID	DWR_LD0001S_01_s_2015_13				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_LD0001S\_433\_13\_20150521\_00009.jpg



View of the vegetation on the landside of the levee facing upstream.

LM Start	0.35	Rating **	M	Issue No.	8
LM End	0.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.955946 °	38.955946 °
				-121.585517 °	-121.585517 °
DWR ID	DWR_LD0001S_01_f_2012_8				
Action/Comments					
Pole					
Inspector Comments: Power pole set on landward levee slope. Spring 2014.					

Photo 1 of 1 : SP\_2015\_LD0001S\_433\_8\_20150401\_00001.jpg



This photo was taken from the crown of the levee facing north looking at a power pole set in the landward levee slope. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	0.35	Rating **	M	Issue No.	490
LM End	0.35	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.956192 °	38.956192 °
				-121.585510 °	-121.585510 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41624 DS_ID:18653 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. FIELD_STRUCT_DESC: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS after the removal of 40 feet of 36" steel pipe from a spur levee and 20 feet of 36" steel pipe from the landside slope of Feather River Levee. Pipe depth 10.0 ft below crown. Application No. 4667, 1964 O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/12/2013					

No Photos

LM Start	1.85	Rating **	M	Issue No.	487
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			38.976927 °	38.976927 °
				-121.591210 °	-121.591210 °
DWR ID	DWR_LD0001S_01_s_2012_487				
Action/Comments					
Inspector Comments: Abandoned pipe. This pipe is listed in our levee log as an abandoned pipe, no date listed. No permit number. Corp pipe.					

Photo 1 of 2 : SP\_2015\_LD0001S\_433\_487\_20150521\_00010.jpg



View of the pipe on the waterside of the levee from the crown facing upstream.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	1.85	Rating **	M	Issue No.	487 (cont)
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			38.976927 °	38.976927 °
				-121.591210 °	-121.591210 °
DWR ID	DWR_LD0001S_01_s_2012_487				
Action/Comments					
Inspector Comments: Abandoned pipe. This pipe is listed in our levee log as an abandoned pipe, no date listed. No permit number. Corp pipe.					

Photo 2 of 2 : SP\_2015\_LD0001S\_433\_487\_20150521\_00011.jpg



View of the pipe on the landside of the levee from the crown.

LM Start	2.20	Rating **	M	Issue No.	491
LM End	2.20	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.982135 °	38.982135 °
				-121.591974 °	-121.591974 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11383 DS_ID:17915 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: A 8-inch steel pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on landward slope O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/12/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	2.41	Rating **	M	Issue No.	492
LM End	2.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:41787 DS_ID:18667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned and should be verified as having been done so properly. concrete standpipe with 10-inch steel pipe. concrete wing wall- no pipe abandoned structure pump found on other side of the levee (WS) but not sure whether it is associated with this crossing. FIELD_STRUCT_DESC: Removed existing 24" pipe under landside approach and install 10-inch corrugated iron pipe under landside approach(culvert). Not found in O&M Manual. FS Date: 04/12/2013					

LM Start	2.44	Rating **	M	Issue No.	16
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.985446 °	38.985446 °
				-121.591930 °	-121.591930 °

Action/Comments					
Material Inspector Comments: Walnut holes left on waterside of the levee.					

Photo 1 of 1 : SP\_2015\_LD0001S\_433\_16\_20150521\_00012.jpg



View of the material on the waterside of the levee facing upstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	2.72	Rating **	A/W	Issue No.	17
LM End	2.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.989470 °	38.989470 °
				-121.592502 °	-121.592502 °
DWR ID	DWR_LD0001S_01_s_2015_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	2.80	Rating **	A/W	Issue No.	18
LM End	4.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.990373 °	39.012713 °
				-121.593400 °	-121.604781 °
DWR ID	DWR_LD0001S_01_s_2015_18				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>493</b>
LM End	<b>3.41</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:41348 DS_ID:17918 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. FIELD_STRUCT_DESC: Abandoned steel 8-inch drainpipe through levee, 4.1 feet below crown. Siphon breaker on landward slope. Butterfly shutoff valve on landward slope, concrete stand pipe and pump at toe of landward slope. Discharges into borrow pit on waterward side. O&M Manual Sac 144, August 1955, Revision Year 2011.. FS Date: 04/08/2013					

LM Start	<b>4.37</b>	Rating **	C	Issue No.	<b>14</b>
LM End	<b>10.71</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.010996 °	39.097548 °
				-121.603137 °	-121.601878 °
DWR ID	DWR_LD0001S_01_f_2014_14				

No Photos

Action/Comments					
Material Inspector Comments: I am unable to inspect this section of levee due to the Sutter Buttes Flood Control Agency levee upgrade project.					

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	4.52	Rating **	M	Issue No.	19
LM End	7.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.012714 °	39.056819 °
				-121.604780 °	-121.611340 °
DWR ID	DWR_LD0001S_01_s_2015_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.52	Rating **	M	Issue No.	20
LM End	7.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.012715 °	39.056821 °
				-121.604781 °	-121.611342 °
DWR ID	DWR_LD0001S_01_s _ 2015_20				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.58	Rating **	M	Issue No.	494
LM End	4.58	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.011340 °	39.011340 °
				-121.603474 °	-121.603474 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11505 DS_ID:22971 EP_NO: 18438 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs removal of blockage by riprap rubbles. FIELD_STRUCT_DESC: 1 of 2. 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Flap gate not properly closed. Pump station on LS concrete sump. FS Date: 04/08/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	4.58	Rating **	U	Issue No.	495
LM End	4.58	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.011354 °	39.011354 °
				-121.603488 °	-121.603488 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40799 DS_ID:22970 EP_NO: 18438 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate operation blocked by riprap and does not properly close. FIELD_STRUCT_DESC: 2 of 2. 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Pump station on LS concrete sump. FS Date: 04/08/2013					

No Photos

LM Start	6.00	Rating **	A/W	Issue No.	21
LM End	6.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.031780 °	39.031780 °
				-121.611811 °	-121.611811 °
DWR ID	DWR_LD0001S_01_s_2015_21				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	7.75	Rating **	M	Issue No.	23
LM End	10.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.056820 °	39.088355 °
				-121.611346 °	-121.602268 °
DWR ID	DWR_LD0001S_01_s_2015_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	7.75	Rating **	A/W	Issue No.	22
LM End	10.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.056821 °	39.088355 °
				-121.611345 °	-121.602267 °
DWR ID	DWR_LD0001S_01_s _ 2015_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	9.16	Rating **	M	Issue No.	489
LM End	9.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.076558 °	39.076558 °
				-121.605837 °	-121.605837 °
DWR ID	DWR_LD0001S_01_s _ 2012_489				
Action/Comments					
Landscaping Inspector Comments: Landscaping on landward levee toe.					

Photo 1 of 1 : SP\_2015\_LD0001S\_433\_489\_20150521\_00013.jpg



View of the vegetation on the landside of the levee from the crown.

LM Start	10.02	Rating **	A	Issue No.	25
LM End	15.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.088355 °	39.156673 °
				-121.602268 °	-121.617697 °
DWR ID	DWR_LD0001S_01_s _ 2015_25				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	10.02	Rating **	A	Issue No.	26
LM End	15.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.088356 °	39.156673 °
				-121.602268 °	-121.617697 °
DWR ID	DWR_LD0001S_01_s_2015_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	11.89	Rating **	U	Issue No.	496
LM End	11.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42824 DS_ID:17935 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: No flap gates on waterward end. Road pavement cracked along pipe, it needs more investigation. FIELD_STRUCT_DESC: 1 of 2. A 6-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 04/09/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	11.89	Rating **	M	Issue No.	497
LM End	11.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11983 DS_ID:18879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Road pavement cracked along pipe line, needs more investigation. FIELD_STRUCT_DESC: 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 04/09/2013					

No Photos

LM Start	12.50	Rating **	M	Issue No.	498
LM End	12.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41889 DS_ID:18880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to install gasline marker. Fenced control station on LS. Indicator on LS across concrete channel. Road markings. FIELD_STRUCT_DESC: 2 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder. FS Date: 04/05/2013					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	12.50	Rating **	M	Issue No.	499
LM End	12.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41841 DS_ID:17932 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to install Gasline Marker. Fenced control station indicator on LS across concrete ditch. Found road markings. FIELD_STRUCT_DESC: 1 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder. FS Date: 04/05/2013					

No Photos

LM Start	13.13	Rating **	M	Issue No.	3
LM End	13.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.130197 °	39.138262 °
				-121.602453 °	-121.607007 °
DWR ID	DWR_LD0001S_01_s_2012_3				
Action/Comments					
Building					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	14.87	Rating **	M	Issue No.	500
LM End	14.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.146494 °	39.146494 °
				-121.609715 °	-121.609715 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41887					
DS_ID:18640					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact ownder to determin status of					
crossing and install signs if appropriate.					
FIELD_STRUCT_DESC: A 18-inch steel; Gas Line.					
O&M Manual Sac 144, August 1955, Revision Year 2011.					
FS Date: 04/05/2013					

No Photos

LM Start	15.13	Rating **	C	Issue No.	24
LM End	15.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.156036 °	39.159377 °
				-121.616960 °	-121.620682 °
DWR ID	DWR_LD0001S_01_f_2013_24				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Vegetation from the crown down the slope approx. 15'.					

No Photos

LM Start	15.19	Rating **	M	Issue No.	27
LM End	16.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.156673 °	39.168745 °
				-121.617697 °	-121.622715 °
DWR ID	DWR_LD0001S_01_s_2015_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	15.19	Rating **	M	Issue No.	28
LM End	16.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.156699 °	39.168747 °
				-121.617735 °	-121.622715 °
DWR ID	DWR_LD0001S_01_s _ 2015_28				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	15.56	Rating **	M	Issue No.	501
LM End	15.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154970 °	39.154970 °
				-121.615617 °	-121.615617 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12092					
DS_ID:17923					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Only a gasoline indicator found on L5. Needs gasoline					
marker also on WS.					
FIELD_STRUCT_DESC: A 16-inch gas line through levee, 3.5 feet					
below the crown.					
FS Date: 04/05/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	05/20/2015 05/20/2015	Michael Pitta

LM Start	15.68	Rating **	M	Issue No.	502
LM End	15.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.156241 °	39.156241 °
				-121.617210 °	-121.617210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12104 DS_ID:18644 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Found an indicator only on LSNeeds an indicator also on WS. FIELD_STRUCT_DESC: An 8-3/8-inch-wide Electrolysis Test Station (ETS) at a depth of 4 feet and connect it to the existing 8-inch metal gas line within the waterside levee toe of the right (west) bank of the Feather River. FS Date: 04/05/2013					

No Photos

LM Start	16.65	Rating **	M	Issue No.	503
LM End	16.65	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41888 DS_ID:18645 EP_NO: 3823 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area. FIELD_STRUCT_DESC: A 8-inch steel gasline crossing the South Yuba River project levee, and the Yuba River overflow area. Pipe depth is 3.3 ft. below the crown. Application no. 3823, 1961. FS Date: 04/05/2013					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--